

<b>FEET TRANSMITTAL</b> <small>Patent fees are subject to annual revision.</small>		Complete If Known																																																																																																																																																																																																																																																																											
		Application Number <i>to be assigned</i>																																																																																																																																																																																																																																																																											
		Filing Date 30 January 2004																																																																																																																																																																																																																																																																											
		First Named Inventor JIN-WOO PARK																																																																																																																																																																																																																																																																											
		Examiner Name <i>to be assigned</i>																																																																																																																																																																																																																																																																											
		Group/Art Unit <i>to be assigned</i>																																																																																																																																																																																																																																																																											
TOTAL AMOUNT OF PAYMENT (\$) <u>1,360.00</u>		Attorney Docket No. P56989																																																																																																																																																																																																																																																																											
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																																																																																																											
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		3. ADDITIONAL FEES																																																																																																																																																																																																																																																																											
Deposit Account Number: <u>02-4943</u> Deposit Account Number: _____		Large Entity      Small Entity <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge-late filing fee or oath</td> <td>\$</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge-late provisional filing fee or cover sheet</td> <td>\$</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td>\$</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td>\$</td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td>\$</td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td>\$</td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> <td>\$</td> </tr> <tr> <td>1252</td> <td>420</td> <td>2252</td> <td>210</td> <td>Extension for reply within second month</td> <td>\$</td> </tr> <tr> <td>1253</td> <td>950</td> <td>2253</td> <td>475</td> <td>Extension for reply within third month</td> <td>\$</td> </tr> <tr> <td>1254</td> <td>1,480</td> <td>2254</td> <td>740</td> <td>Extension for reply within fourth month</td> <td>\$</td> </tr> <tr> <td>1255</td> <td>2,010</td> <td>2255</td> <td>1,005</td> <td>Extension for reply within fifth month</td> <td>\$</td> </tr> <tr> <td>1401</td> <td>330</td> <td>2401</td> <td>165</td> <td>Notice of Appeal</td> <td>\$</td> </tr> <tr> <td>1402</td> <td>330</td> <td>2402</td> <td>165</td> <td>Filing a brief in support of an appeal</td> <td>\$</td> </tr> <tr> <td>1403</td> <td>290</td> <td>2403</td> <td>145</td> <td>Request for oral hearing</td> <td>\$</td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td>\$</td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td>\$</td> </tr> <tr> <td>1453</td> <td>1,330</td> <td>2453</td> <td>665</td> <td>Petition to revive - unintentional</td> <td>\$</td> </tr> <tr> <td>1501</td> <td>1,330</td> <td>2501</td> <td>665</td> <td>Utility issue fee (or reissue)</td> <td>\$</td> </tr> <tr> <td>1502</td> <td>480</td> <td>2502</td> <td>240</td> <td>Design issue fee</td> <td>\$</td> </tr> <tr> <td>1503</td> <td>640</td> <td>2503</td> <td>320</td> <td>Plant issue fee</td> <td>\$</td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td>\$</td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee for provisional applications</td> <td>\$</td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Statement</td> <td>\$</td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (Times number of properties)</td> <td>\$ 40.00</td> </tr> <tr> <td>Total claims</td> <td>41</td> <td>-20** =</td> <td>21</td> <td>x</td> <td>18.00</td> <td>=</td> <td>378.00</td> <td></td> </tr> <tr> <td>Independent Claims</td> <td>5</td> <td>-3** =</td> <td>2</td> <td>x</td> <td>86.00</td> <td>=</td> <td>172.00</td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>=</td> <td></td> <td></td> </tr> <tr> <td colspan="8">** or number previously paid, if greater; For Reissues, see below</td> <td></td> </tr> <tr> <td colspan="2">Large Entity</td> <td colspan="2">Small Entity</td> <td colspan="6"></td> </tr> <tr> <td colspan="2">           Fee Code (\$)         </td> <td colspan="2">           Fee Code (\$)         </td> <td colspan="6">           Fee Description         </td> </tr> <tr> <td colspan="2">           1201 86 2201 43         </td> <td colspan="2">           1202 18 2202 9         </td> <td colspan="6">           Independent claims in excess of 3 claims in excess of 20         </td> </tr> <tr> <td colspan="2">           1203 290 2203 145         </td> <td colspan="2">           1204 86 2204 43         </td> <td colspan="6">           Multiple dependent claim, if not paid ** Reissue independent claims over original patent         </td> </tr> <tr> <td colspan="2">           1205 18 2205 9         </td> <td colspan="2">           ** Reissue claims in excess of 20 and over original patent         </td> <td colspan="6"></td> </tr> <tr> <td colspan="2">           SUBTOTAL (2)         </td> <td colspan="2">           (\$)<u>550.00</u> </td> <td colspan="6">           ** Reduced by Basic Filing Fee Paid         </td> </tr> <tr> <td colspan="8"></td> <td colspan="2">           SUBTOTAL (3) \$ 40.00         </td> </tr> <tr> <td colspan="8">SUBMITTED BY</td> <td colspan="2">Complete (if applicable)</td> </tr> </tbody></table>		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge-late filing fee or oath	\$	1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$	1053	130	1053	130	Non-English specification	\$	1812	2,520	1812	2,520	For filing a request for reexamination	\$	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$	1251	110	2251	55	Extension for reply within first month	\$	1252	420	2252	210	Extension for reply within second month	\$	1253	950	2253	475	Extension for reply within third month	\$	1254	1,480	2254	740	Extension for reply within fourth month	\$	1255	2,010	2255	1,005	Extension for reply within fifth month	\$	1401	330	2401	165	Notice of Appeal	\$	1402	330	2402	165	Filing a brief in support of an appeal	\$	1403	290	2403	145	Request for oral hearing	\$	1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$	1452	110	2452	55	Petition to revive - unavoidable	\$	1453	1,330	2453	665	Petition to revive - unintentional	\$	1501	1,330	2501	665	Utility issue fee (or reissue)	\$	1502	480	2502	240	Design issue fee	\$	1503	640	2503	320	Plant issue fee	\$	1460	130	1460	130	Petitions to the Commissioner	\$	1807	50	1807	50	Processing fee for provisional applications	\$	1806	180	1806	180	Submission of Information Disclosure Statement	\$	8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$ 40.00	Total claims	41	-20** =	21	x	18.00	=	378.00		Independent Claims	5	-3** =	2	x	86.00	=	172.00		Multiple Dependent						=			** or number previously paid, if greater; For Reissues, see below									Large Entity		Small Entity								Fee Code (\$)		Fee Code (\$)		Fee Description						1201 86 2201 43		1202 18 2202 9		Independent claims in excess of 3 claims in excess of 20						1203 290 2203 145		1204 86 2204 43		Multiple dependent claim, if not paid ** Reissue independent claims over original patent						1205 18 2205 9		** Reissue claims in excess of 20 and over original patent								SUBTOTAL (2)		(\$) <u>550.00</u>		** Reduced by Basic Filing Fee Paid														SUBTOTAL (3) \$ 40.00		SUBMITTED BY								Complete (if applicable)	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																								
1051	130	2051	65	Surcharge-late filing fee or oath	\$																																																																																																																																																																																																																																																																								
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	\$																																																																																																																																																																																																																																																																								
1053	130	1053	130	Non-English specification	\$																																																																																																																																																																																																																																																																								
1812	2,520	1812	2,520	For filing a request for reexamination	\$																																																																																																																																																																																																																																																																								
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	\$																																																																																																																																																																																																																																																																								
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	\$																																																																																																																																																																																																																																																																								
1251	110	2251	55	Extension for reply within first month	\$																																																																																																																																																																																																																																																																								
1252	420	2252	210	Extension for reply within second month	\$																																																																																																																																																																																																																																																																								
1253	950	2253	475	Extension for reply within third month	\$																																																																																																																																																																																																																																																																								
1254	1,480	2254	740	Extension for reply within fourth month	\$																																																																																																																																																																																																																																																																								
1255	2,010	2255	1,005	Extension for reply within fifth month	\$																																																																																																																																																																																																																																																																								
1401	330	2401	165	Notice of Appeal	\$																																																																																																																																																																																																																																																																								
1402	330	2402	165	Filing a brief in support of an appeal	\$																																																																																																																																																																																																																																																																								
1403	290	2403	145	Request for oral hearing	\$																																																																																																																																																																																																																																																																								
1451	1,510	1451	1,510	Petition to institute a public use proceeding	\$																																																																																																																																																																																																																																																																								
1452	110	2452	55	Petition to revive - unavoidable	\$																																																																																																																																																																																																																																																																								
1453	1,330	2453	665	Petition to revive - unintentional	\$																																																																																																																																																																																																																																																																								
1501	1,330	2501	665	Utility issue fee (or reissue)	\$																																																																																																																																																																																																																																																																								
1502	480	2502	240	Design issue fee	\$																																																																																																																																																																																																																																																																								
1503	640	2503	320	Plant issue fee	\$																																																																																																																																																																																																																																																																								
1460	130	1460	130	Petitions to the Commissioner	\$																																																																																																																																																																																																																																																																								
1807	50	1807	50	Processing fee for provisional applications	\$																																																																																																																																																																																																																																																																								
1806	180	1806	180	Submission of Information Disclosure Statement	\$																																																																																																																																																																																																																																																																								
8021	40	8021	40	Recording each patent assignment per property (Times number of properties)	\$ 40.00																																																																																																																																																																																																																																																																								
Total claims	41	-20** =	21	x	18.00	=	378.00																																																																																																																																																																																																																																																																						
Independent Claims	5	-3** =	2	x	86.00	=	172.00																																																																																																																																																																																																																																																																						
Multiple Dependent						=																																																																																																																																																																																																																																																																							
** or number previously paid, if greater; For Reissues, see below																																																																																																																																																																																																																																																																													
Large Entity		Small Entity																																																																																																																																																																																																																																																																											
Fee Code (\$)		Fee Code (\$)		Fee Description																																																																																																																																																																																																																																																																									
1201 86 2201 43		1202 18 2202 9		Independent claims in excess of 3 claims in excess of 20																																																																																																																																																																																																																																																																									
1203 290 2203 145		1204 86 2204 43		Multiple dependent claim, if not paid ** Reissue independent claims over original patent																																																																																																																																																																																																																																																																									
1205 18 2205 9		** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																											
SUBTOTAL (2)		(\$) <u>550.00</u>		** Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																																																																									
								SUBTOTAL (3) \$ 40.00																																																																																																																																																																																																																																																																					
SUBMITTED BY								Complete (if applicable)																																																																																																																																																																																																																																																																					

---

**SUBMITTED BY**

**Complete (if applicable)**

Typed or Printed  
Name

Robert E. Bushnell, Esq.

**R g. Numb r**

27,774

REB/rfc

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

ROBERT E. BUSHNELL\*

JOSEPH G. SEEBER\*  
MATTHEW J. LESTINA†\*  
SARYADVINDER S. SAHOTA†\*  
JONG H. PARK‡  
FRANK J. DYNDA\*\*

OF COUNSEL  
RICHARD H. STERN\*  
HENRY M. ZYKORIE

MICHAEL D. PARKER  
(REG. PATENT AGENT)

† ADMITTED IN MARYLAND  
◦ ADMITTED IN VIRGINIA  
‡ ADMITTED IN NEW YORK  
◦ ADMITTED IN CONNECTICUT  
\* ADMITTED IN NEW JERSEY  
• NOT ADMITTED IN D.C.

13281  
0132004  
U.S. PTO

R. E. BUSHNELL  
ATTORNEY AT LAW  
1522 K STREET, N.W., SUITE 300  
WASHINGTON, D.C. 20005-1202  
UNITED STATES OF AMERICA

30 January 2004

INTELLECTUAL PROPERTY LAW

TELEPHONE (202) 408-9040  
FACSIMILE (202) 289-7100  
FACSIMILE (202) 628-3835  
FACSIMILE (410) 747-0022  
E-MAIL: REBUSHNELL@AOL.COM

U.S. Postal Service  
 Via Local Courier  
 Via International Courier  
 Via Facsimile No. \_\_\_\_\_  
 Via E-Mail Attachment  
 Please Acknowledge Receipt

Mail Stop : Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

Attorney Docket: P56989

Submitted herewith is the following patent application:

Inventor: 1) JIN-WOO PARK  
2) JAE-BON KOO  
3) KWAN-HEE LEE

Title: DESIGN FOR ELECTRICAL CONDUCTORS IN AN ELECTROLUMINESCENT DISPLAY DEVICE

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, formal drawings, original Declaration and Power of Attorney, Assignment, Information Disclosure Statement and certified copy of foreign priority document identified below:

Verified Showing of Small Entity Status: NO  
Drawings: Formal drawings, 8 sheets, Figures 1 through 10  
Claim of priority under 35 U.S.C. §119: YES  
\*\* The Republic of Korean Application No. 2003-15686 filed on 13 March 2003; and  
\*\* The Republic of Korean Application No. 2003-27991 filed on 1 May 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45223 & #45224)

Basic Fee \$385/770 ..... \$770.00

**Additional Fees:**

Total number of claims in excess of 20: 21 times \$9/18 ..... \$378.00  
Number of independent claims in excess of 3: 2 times \$43/86 ..... \$172.00  
Multiple Dependent Claims \$145/290 ..... \$0.00  
An Assignment is likewise enclosed: Recording Fee \$40 ..... \$40.00  
Filing Non-English specification ..... \$0.00

**TOTAL FEES FOR THE ABOVE APPLICATION .....** \$1,360.00

Inventor:     1) JIN-WOO PARK  
                  2) JAE-BON KOO  
                  3) KWAN-HEE LEE

Title:        DESIGN FOR ELECTRICAL CONDUCTORS IN AN  
                  ELECTROLUMINESCENT DISPLAY DEVICE

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell  
(Registration No. 27,774)  
Payor No.: 008-439  
Attorney for the Applicant  
1522 K Street, N.W.  
Suite 300  
Washington, D.C. 20005

Telephone: (202) 408-9040  
Telefacsimile: (202) 289-7100

REB/rfc